

SEQUENCE LISTING

<110>	Universi HILDEBRA FUKUSHIG	ND, D	avid H		esea:	rch I	Found	datio	on				
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Tyr Gl	y Leu Pro 35	Leu	Phe Gl	y Ser 40	Ile	Gly	Asp	Arg	Leu 45	Asp	Tyr	Phe	
Trp Pho	e Gln Gly	Pro	Glu Ly 55		Phe	Arg	Ser	Arg 60	Met	Glu	Lys	Asn	
Gln Se	r Thr Val		Arg Th 70	nr Asn	Val	Pro	Pro 75	Ser	Phe	Pro	Phe	Phe 80	
Phe Th	r Asp Pro	Arg 85	Val I	e Ala	Val	Leu 90	Asp	Cys	Lys	Ser	Phe 95	Ala	
His Le	u Phe Asp 100		Glu I	e Val	Glu 105	Lys	Lys	Asn	Val	Leu 110	Val	Gly	
Asp Pho	e Met Pro 115	Ser	Thr Se	er Phe 120	Thr	Gly	Asn	Met	Arg 125	Val	Суѕ	Ala	٠

Tyr Leu Asp Thr Ser Glu Ser Gln His Ser Lys Ile Lys Asn Phe Val Met Asp Val Leu Arg Arg Ser Ser Arg Ile Trp Ile Gln Glu Leu Glu Ser Asn Leu Ser Thr Met Trp Asp Ser Ile Glu Ser Glu Ile Ala Lys Asp Thr Lys Ser Ser Phe Arg Asn His Leu Gln Pro Thr Leu Phe Asn Phe Phe Ser Lys Thr Leu Ala Gly Ala Asp Thr Ala Lys Ser Pro Glu Val Ala Lys Ser Gly Tyr Ile Asp Val Ile Ile Trp Leu Gly Leu Gln Leu Val Pro Thr Ile His Ile Gly Ile Leu Gln Pro Leu Glu Glu Ile Phe Leu His Ser Phe Arg Leu Pro Phe Phe Pro Ile Ala Ser Arg Tyr Gln Arg Leu Tyr Asp Phe Ile Gln Lys Glu Glu Glu Val Val Glu Arg Gly Val Ser Glu Phe Gly Leu Thr Lys Asp Glu Ala Ile His Asn Leu Ile Phe Thr Met Gly Phe Asn Ala Tyr Gly Gly Phe Ser Leu Phe Phe Pro Val Leu Leu Asp Arg Ile Leu Asn Asp Lys Thr Gly Leu Gln Gln Arg Ile Leu Glu Glu Val Lys Ala Lys Thr Gly Ser Gly Leu Thr Phe Glu Ser Val Lys Glu Met Asp Leu Ile Tyr Ser Val Val Tyr Glu 345 350

Thr Leu Arg Leu Asp Pro Pro Val Pro Thr Gln Tyr Ala Arg Ala Arg

.355 360 365

Lys Asp Phe Lys Leu Ser Ser Tyr Asp Ser Ala Tyr Ser Ile Lys Lys 370 375 380 Gly Glu Leu Leu Cys Gly Tyr Gln Pro Leu Val Met Arg Asp Pro Lys 390 395 Val Phe Asn Lys Pro Lys Thr Phe Asn Pro Gly Arg Phe Arg Gly Glu 405 410 415 Lys Gly Ala Ala Leu Leu Asp Tyr Leu Phe Trp Ser Asn Gly Pro Gln 420 425 430 Thr Gly Leu Pro Ser Glu His Asn Lys Gln Cys Ala Gly Lys Asp Leu Val Val Leu Thr Ala Val Val Phe Val Ala Tyr Ile Phe Arg Tyr Asp Trp Ile Ala Gly Glu Gly Gly Ser Ile Thr Ala Phe Gln Arg Thr 475 465 470 Asn <210> 2 <211> 1632 <212> DNA <213> Citrullus lanatus <400> 2 atgaaqqtca ccatgacctc cggcggaatg ccttccatac cttcatcgat ttcgccaccg 60 coggtcactt taccgctcag aaatatcccc ggcagctacg gtttgccgct gttcggatcc 120 ateggtgace ggetggatta ettetggttt caaggaceeg agaagttett eaggtetegg 180 atggagaaga atcaaagtac ggttttcaga acgaatgttc ctccgtcgtt ccctttcttc 240 ttcaccgatc cgagagtgat tgcggttctg gattgcaagt cgtttgcgca tctattcgac 300 atggaaatcg tggagaagaa gaatgttctg gtcggtgatt tcatgccgag cacaagtttc 360 accqqaaata tqaqaqtctq tqcqtatttq qatacqtcqq aatctcaaca ctcqaagata 420

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